

In the Claims:

Claims 1 to 6 (canceled).

- 1 7. (currently amended) A filtration apparatus comprising:
2 a housing head having an inlet and an outlet;
3 a housing bowl detachably attached to said housing
4 head and surrounding a cartridge filter to define a channel
5 wall; and
6 a releasable clamping device that exerts a force to
7 press said housing head and said housing bowl against each
8 other to clamp said housing head and said housing bowl
9 together, wherein:
10 said housing head has a ring-shaped first sealing
11 portion that faces said housing bowl;
12 said housing bowl has a ring-shaped second sealing
13 portion that abuts directly against said first sealing
14 portion when said clamping device exerts said force to
15 press said housing head and said housing bowl against each
16 other;
17 one of said first and second sealing portions is a
18 protrusion and another of said first and second sealing
19 portions is a recess;
20 with respect to an ~~axial-section~~ axial section along
21 a cylindrical axis line of said housing head and said
22 housing bowl, said protrusion has a radially inner arcuate
23 curved protrusion surface and a radially outer arcuate
24 curved protrusion surface;

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25 said recess is bounded by a radially inner recess wall
26 portion and a radially outer recess wall portion; ~~[[and]]~~

27 said radially inner arcuate curved protrusion surface
28 presses against said radially inner recess wall portion to
29 form a first inner circular seal, and said radially outer
30 arcuate curved protrusion surface presses against said
31 radially outer recess wall portion to form a second outer
32 circular seal, wherein said circular seals are formed at
33 locations within a depth of said recess displaced away from
34 terminal outer free edges of said recess wall ~~portions.~~
35 portions; and

36 wherein said radially inner recess wall portion and
37 said radially outer recess wall portion each have an
38 arcuate curved shape with respect to said axial section.

1 8. (previously presented) The filtration apparatus according
2 to claim 7, wherein said radially inner and radially outer
3 arcuate curved protrusion surfaces are portions of an
4 overall semi-circular curved sectional shape of said
5 protrusion with respect to said axial section.

Claim 9 (canceled).

1 10. (currently amended) The filtration apparatus according to
2 claim ~~[[97]]~~ 7, wherein said radially inner and radially
3 outer recess wall portions are portions of an overall
4 semi-circular curved sectional shape of said recess with
5 respect to said axial section.

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1 11. (previously presented) The filtration apparatus according
2 to claim 7, excluding any O-ring between said housing head
3 and said housing bowl.

1 12. (previously presented) The filtration apparatus according
2 to claim 7, wherein, when said recess and said protrusion
3 are pressed against each other, said recess is increased in
4 width elastically and has resilience allowing said recess
5 to cooperate with said protrusion to form said seals.

1 13. (previously presented) The filtration apparatus according
2 to claim 7, wherein said housing head, said cartridge
3 filter and said housing bowl are all formed of a
4 fluororesin.

[RESPONSE CONTINUES ON NEXT PAGE]